

### REMARKS

In view of the above amendments and following remarks, reconsideration and further examination are requested.

Attached hereto is a marked-up version of the pages of the claims to which changes have been made by the current Amendment. The attached pages are captioned "Version with Markings to Show Changes Made."

By the current Amendment, claims 11-13 have been cancelled, claims 6, 9 and 10 have been amended, and claims 14-19 have been added.

On August 12, 2002, Applicant's undersigned representative conducted an telephonic interview with Examiner Mai. The courtesies extended by Examiner Mai during the interview are greatly appreciated.

During the interview, discussed was a proposed claim which generally corresponds to twice amended claim 6 provided herewith. Examiner Mai expressed that this proposed claim, i.e. twice amended claim 6, could possibly be rejected over a combination of Magill et al. and Moore, or a combination of Perkins and Moore. Specifically, Examiner Mai expressed that in view of Magill et al. or Perkins one having ordinary skill in the art would have found it obvious to angle the curled portion 12, 24 of Moore radially outwardly relative to the body of the container of Moore. If such a position is taken by Examiner Mai in rejecting twice amended claim 6, then this position is respectfully traversed for the following reasons.

While Magill et al. and Perkins can each arguably be said to disclose an outwardly angled curled portion, this curled portion is formed by "outwardly" curling a respective edge of the container body and **not** "inwardly" curling the edge as shown by Moore at 12, 24. Accordingly, because of this difference between Moore and Magill et al. and Perkins, one having ordinary skill in the art would not have been motivated to modify Moore of view of either one of Magill et al. and Perkins by angling the inwardly curled portion 12, 24 of Moore radially outwardly.

Additionally, in Perkins the outwardly curled portion is angled relatively outwardly in order to form a connection between a lower edge of a body "n" of a can and a bottom "m" of the can. In Moore, the inwardly curled portion 12, 24 is not made in order to join an edge of container body 10

to closure member 36, but rather the closure member 36 is attached to the container body 10 by merely being forced thereinto, and is in no way deformed along with the container body 10 as is the bottom "m" and container body "n" of Perkins. Furthermore, Perkins pertains to cans for transportation and storage of petroleum, whereas Moore is concerned with a paper container. Because of these differences between Moore and Perkins, one having ordinary skill in the art would not have been motivated to combine the teachings thereof.

Similarly, with the regard to Magill et al., the outwardly curled portion as shown in Figure 11 is angled relatively outwardly when joining a metal end closure 21 to fiber body 22 by deforming both the end closure and the fiber body. Accordingly, because the closure member 36 of Moore is to be joined to the container body 10 by merely forcing the closure member 36 into the container body 10 without any deformation of the closure member there would have been no motivation or suggestion for one having ordinary skill in the art to have modified Moore in view of Magill et al. by outwardly angling the inwardly curled portion 12, 24 of Moore.

In other words, the outwardly angled portions of Magill et al. and Perkins are formed while performing an operation that is not present in, or relevant to, forming the container of Moore; this operation being joining an end closure to a body member via deformation of the end closure and body member. Accordingly, no motivation exists in either of Magill et al. and Perkins for outwardly angling the inwardly curled portion of Moore.

Accordingly, because of the distinct differences between Perkins and Magill et al. with regard to Moore, one having ordinary skill in the art would not have been motivated to modify Moore in view of either one of these references by angling the inwardly curled portion 12, 24 radially outwardly. Thus, it is respectfully submitted that claim 6 is allowable over any combination of Moore and Magill et al. or Perkins.

Additionally, because claims 9 and 10 have been amended in a similar fashion as has been claim 6, claims 9 and 10 are also allowable over any combination of Moore, Magill et al. and Perkins with/without Bodor and Brooks (i.e. the additional references relied upon by the Examiner to reject claims 9 and 10).

Thus, it is respectfully submitted that claims 6, 9, 10 and 14-19 are allowable.

Additionally, with regard to new claims 14-19, the following discussion is provided.

With regard to new claims 14, 16 and 18, these claims recite that a radial distance between a line that is tangent to an inner circumferential portion of the curled portion and a line defined by the inner cylindrical surface of the roll of paper is no greater than 1 mm. This is significant because it allows contents of the container to be smoothly and completely removed from the container. That is, were the aforementioned radial distance greater than 1 mm, contents of the container could be trapped by the inwardly curled portion when the container is turned upside in order to empty the container.

Accordingly, claims 14, 16 and 18 are each patentable in its own right.

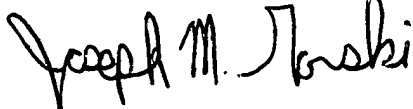
Furthermore, with regard to claims 15, 17 and 19, these claims further define a positional relationship between the curled portion and the inner circumferential surface of the container, which is not taught or suggested by any of the references relied upon by the Examiner. Accordingly, each of claims 15, 17 and 19 is also patentable in its own right.

In view of the above amendments and remarks, it is respectfully submitted that the present application is in condition for allowance and an early Notice of Allowance is earnestly solicited.

If after reviewing this Amendment, the Examiner believes that any issues remain which must be resolved before the application can be passed to issue, the Examiner is invited to contact the Applicant's undersigned representative by telephone to resolve such issues.

Respectfully submitted,

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6. A cylindrical body of a fiber drum, comprising:

a roll of paper having an axis, two open ends and an outer straight cylindrical circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a pressed curled portion at at least one of said two open ends such that said pressed curled portion is more dense than said plural wound layers, said pressed curled portion having an outer circumferential surface, wherein said pressed curled portion is angled radially outwardly relative to said outer straight cylindrical circumferential surface[;] of said roll of paper such that said outer straight cylindrical circumferential surface of said roll of paper forms an angle with said outer circumferential surface of said pressed curled portion that is greater than 0° and less than 180° and faces away from said axis of said roll of paper, and wherein said pressed curled portion is formed by inwardly curling a respective edge of said at least one of said two open ends while the adhesive between said plural wound layers is in a non-cured state.

9. A fiber drum comprising:

[a roll of paper having two open ends and an outer circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a curled portion at each of said two open ends, wherein said curled portion is angled radially outwardly relative to said outer circumferential surface and is formed by inwardly curling a respective edge of said two open ends while the adhesive between said plural wound layers is in a non-cured state;]

a roll of paper having an axis, two open ends and an outer straight cylindrical circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a pressed curled portion at each of said two open ends such that said pressed curled portion is more dense than said plural wound layers, said pressed curled portion having an outer circumferential surface, wherein said pressed curled portion is angled radially outwardly relative to said outer straight cylindrical circumferential surface of said roll of paper such that said outer straight cylindrical circumferential surface of said roll of paper forms an angle with said outer circumferential surface of said pressed

curled portion that is greater than 0° and less than 180° and faces away from said axis of said roll of paper, and wherein said pressed curled portion is formed by inwardly curling a respective edge of said at least one of said two open ends while the adhesive between said plural wound layers is in a non-cured state;

a paper material cover plate detachably joined to said pressed curled portion at one of said two open ends such that the opening at said one of said two open ends is closed; and

a paper material bottom plate fixedly joined to said pressed curled portion at the other of said two open ends such that the opening at said other of said two open ends is closed.

10. A fiber drum comprising:

[roll of paper having two open ends and an outer circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a curled portion at each of said two open ends, wherein said curled portion is angled radially outwardly relative to said outer circumferential surface and is formed by inwardly curling a respective edge of said two open ends while the adhesive between said plural wound layers is in a non-cured state;]

a roll of paper having an axis, two open ends and an outer straight cylindrical circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a pressed curled portion at each of said two open ends such that said pressed curled portion is more dense than said plural wound layers, said pressed curled portion having an outer circumferential surface, wherein said pressed curled portion is angled radially outwardly relative to said outer straight cylindrical circumferential surface of said roll of paper such that said outer straight cylindrical circumferential surface of said roll of paper forms an angle with said outer circumferential surface of said pressed curled portion that is greater than 0° and less than 180° and faces away from said axis of said roll of paper, and wherein said pressed curled portion is formed by inwardly curling a respective edge of said at least one of said two open ends while the adhesive between said plural wound layers is in a non-cured state;

a paper material cover plate detachably joined to said pressed curled portion at one of said two open ends such that the opening at said one of said two open ends is closed; and

a paper material bottom plate fixedly joined to said pressed curled portion at the other of said two open ends such that the opening at said other of said two open ends is closed, wherein the

pressed curled portion at said other of said two open ends is formed by inwardly curling the edge of said other of said two open ends together with a circumferential edge of said paper material bottom plate, while the adhesive between said plural wound layers is in a non-cured state, to fixedly join said edge of said other of said two open ends to said paper material bottom plate.